

# ***Plainwell No. 2 Dam Area Time-Critical Removal Action***

## ***Weekly Construction Update***

***Progress Report #8—October 5, 2009***

### ***Work Completed: September 24 – September 30, 2009***

- Completed excavating targeted top-of-bank and floodplain soils from Removal Area 1.
- Completed installation of the resuspension control system for Island 1.
- Completed removing targeting top-of-bank and floodplain soils from Island 1.
- Continued loading and transporting excavated material from Staging Area 3 to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Began the improvements to the temporary railroad crossing. The existing railroad crossing will be extended to a width of 40 feet by Grand Elk Railroad. Grand Elk Railroad's contractor – US TRACKWORKS – is scheduled to complete the work by October 10, 2009.
- Began installation of the resuspension control system for Removal Area 2.
- Began excavating targeted top-of-bank and floodplain soils from Removal Area 2.

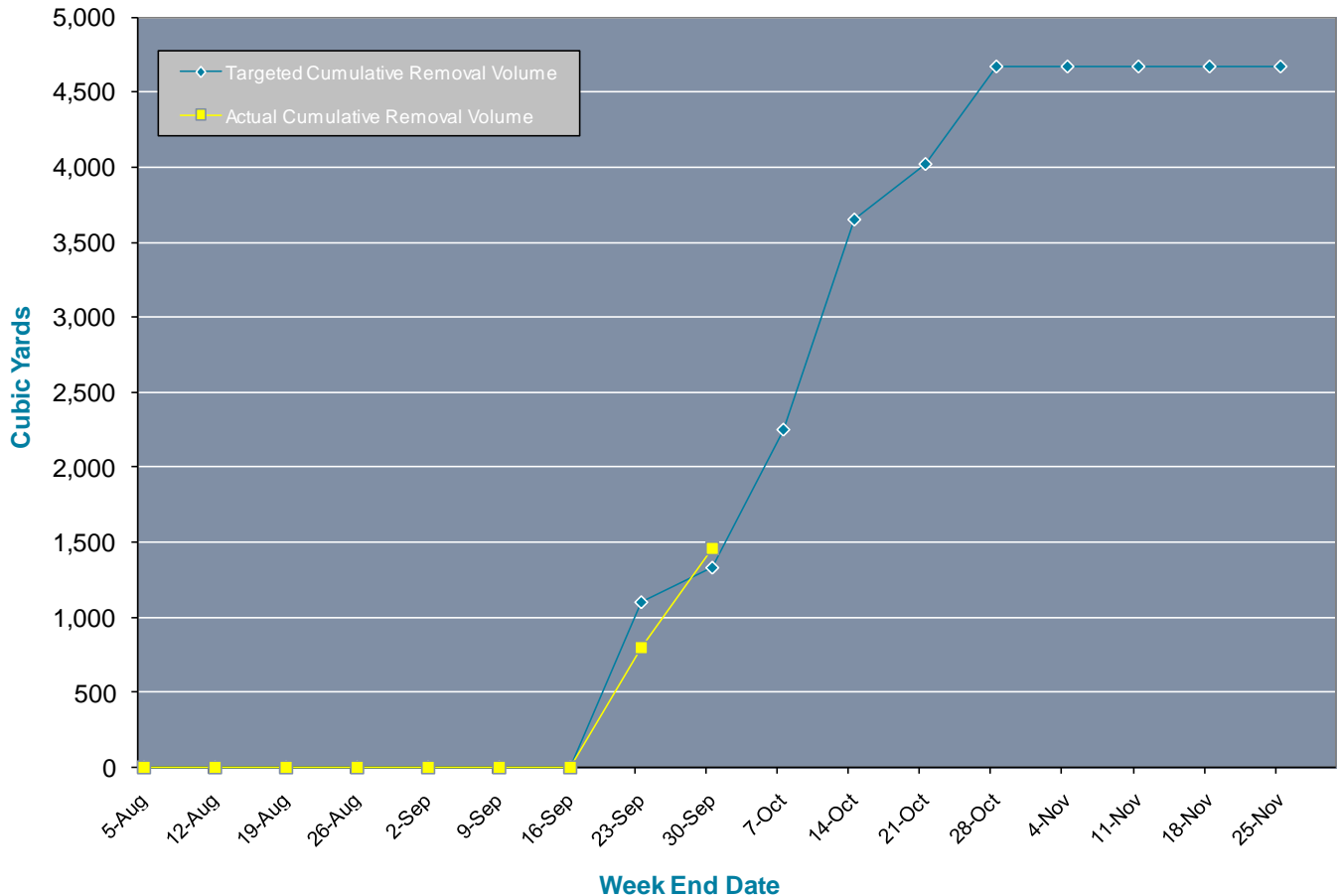
Estimated Weekly Volume Hauled to Non-TSCA Landfill Facilities		
Date	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	1050	30
2009 Total	1260	36

Note: All values are unofficial, estimated quantities, subject to revision/verification.

### ***Work Planned: October 1 – October 7, 2009***

- Complete installation of the resuspension control system for Removal Area 2.
- Complete excavation of targeted top-of-bank and floodplain soils from Removal Area 2.
- Continue loading and transporting processed/solidified material from Staging Area 3 to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continue the improvements to the temporary railroad crossing. The existing railroad crossing will be extended to a width of 40 feet by Grand Elk Railroad.
- Begin installing the resuspension control system for Removal Area 3A.
- Begin removing targeting top-of-bank and floodplain soils from Removal Area 3A.
- Begin restoration activities in Removal Area 1. Activities will include installation of restoration stone and coir log.
- Begin taking out the Removal Area 1 resuspension control system.
- Begin removing the temporary access structure to Island 1.

**Removal Progress – 2009**

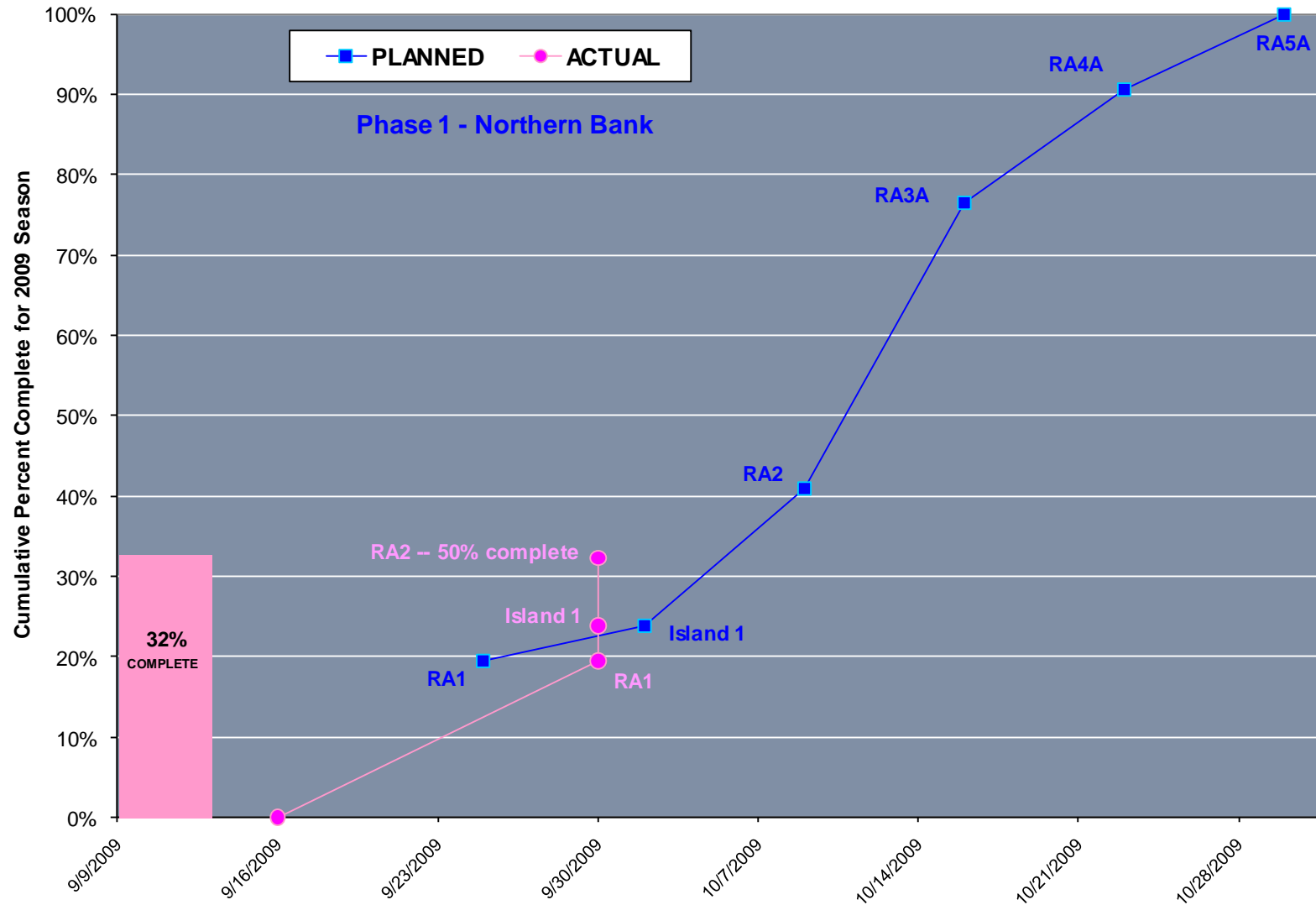


**Notes:**

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling.

**Removal Progress – 2009**



**Notes:**

For Areas where removal is less than 100% complete, the data point shown is an estimate based on area and volume considerations.

'Complete' is defined as removal of all targeted materials as detailed in the Plainwell No. 2 Dam Area Design Report.

### **Health & Safety Update**

- 3 Loss Prevention Observations (LPOs) were completed during this period.  
A total of 24 LPOs have been completed for the project to date.

### **Weather Summary**

- No weather delays encountered.

### **Environmental Monitoring and Construction Quality Assurance Testing**

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: 0 gallons (Staging Area 3)

Testing Performed this Week? No ☒ Yes ☐

Exceedances? N/A ☒ No ☐ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☐ Yes ☒ Locations: Island 1, Removal Areas 1 & 2

Cleanup Standard Achieved? N/A ☐ Yes ☒ No ☐

*\* Island 1 clean up standard achieved. Analytical pending for Removal Areas 1 & 2.*

### **Issues Encountered/Solutions Advanced**

- None.

***Equipment on Site***

Equipment List	Number Onsite
Komatsu PC-400 Excavator	1
Komatsu PC-300 HD Long Reach	1
Komatsu PC-300 Excavator w/Shear Attachment	1
Komatsu PC-200 Excavator	1
John Deere JD-50 Mini-Excavator	1
John Deere 450 Dozer	1
Komatsu D51 Dozer	1
Komatsu D61 Dozer	1
Komatsu 380 loader	2
Pug Mill	1
Sakai Smooth Drum Roller	1
Vermeer Stump Grinder	1
Vermeer Chipper	1
2,000 gallon water truck	1
Komatsu 300 Off Road Truck	2
FAVCO 40-Ton Crane	1
Long Reach Fork Lift	1

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***Personnel, Regulatory Staff, and Visitors on Site***

Individual/Affiliation	9/24/09	9/25/09	9/26/09	9/27/09	9/28/09	9/29/09	9/30/09
Terra Contracting Staff	15	15	10		15	15	15
American Environmental Group							
US TRACKWORKS, LLC			4				
Georgia-Pacific Staff							
Garry Griffith		X					
Chase Fortenberry							
Rich Garner							
Don Hunt (LE&A)		X					
ARCADIS Staff							
EJ Suardini	X	X					
Michelle Rumler	X	X			X	X	X
Mike Kohagen	X	X	X			X	X
Ben Lawrence					X	X	X
Nick Harmer	X				X	X	X
Steve Garbaciak	X						
Justin Bender		X					
Eric Hritsuk							
Oversight Personnel							
Mike Ribordy/USEPA OSC							
Sam Borries/USEPA OSC							
Thomas Cook/USEPA OSC					X	X	X
Weston Personnel	X	X			X	X	X
Other Agency Staff							
Paul Bucholtz/MDEQ							
Sharon Hanshue/ MDNR							
John Lerg/ MDNR							
Lisa Williams/ USFWS							



*Photos from September 24 – September 30, 2009*



Covering trucks after loading at Staging Area 3.



Removing targeted top-of-bank material from Island 1.

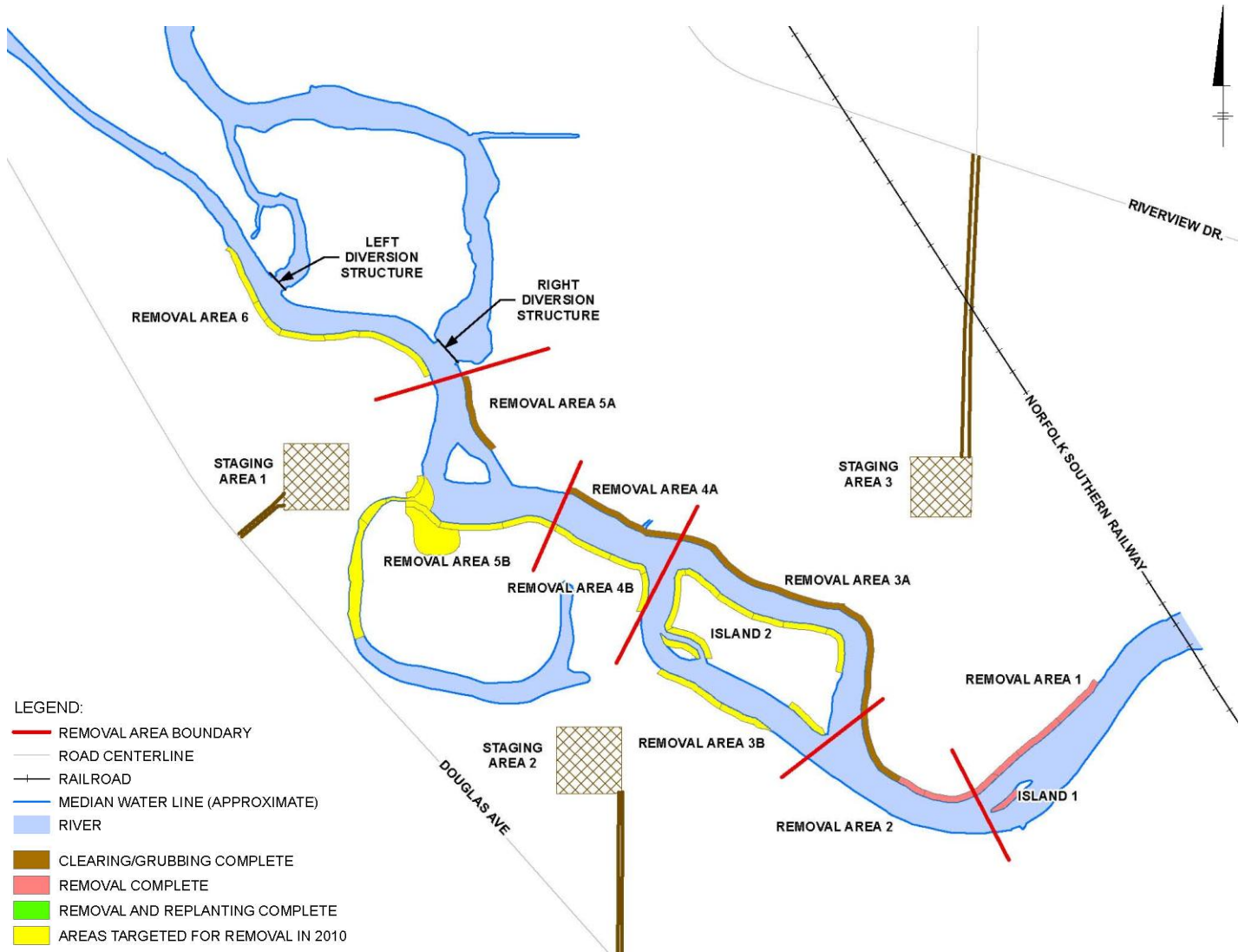


Installing steel sheeting as part of the Removal Area 2 resuspension control system.



Surveying sample locations during excavation verification sampling in Removal Area 2.

**Targeted Removal Areas – Plainwell No. 2 Dam Area**



**Notes:**

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.